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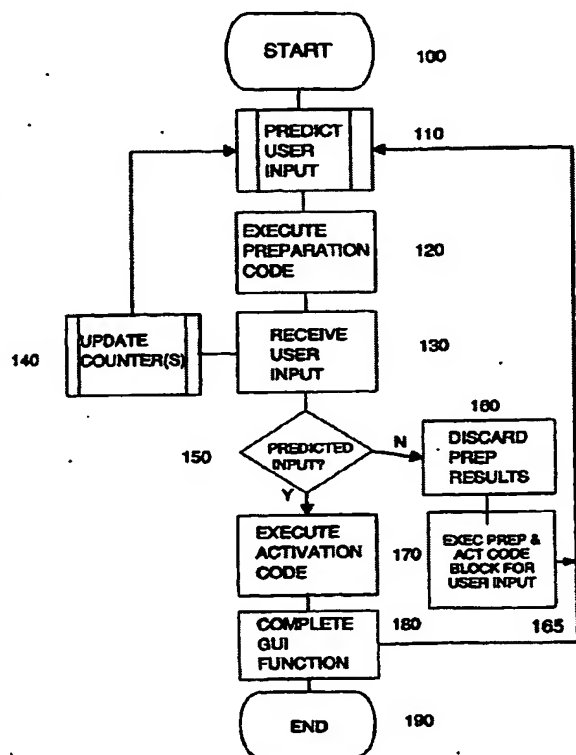
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(54) Title: **PREDICTIVE GRAPHICAL USER INTERFACE WITH SPECULATIVE EXECUTION**



(57) **Abstract:** A method of operating an application program having a graphical user interface (GUI) includes the steps of (i) predicting the next user input to the GUI; (ii) pending receipt of the next user input, executing a preparation portion of GUI code that provides the GUI function required by the predicted user input; (iii) receiving the next user input; and (iv) only when the next user input corresponds to the predicted user input, processing an activation portion of said GUI code to complete the required GUI function.

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